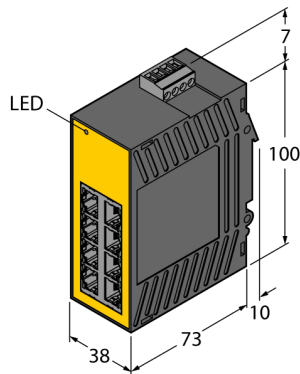
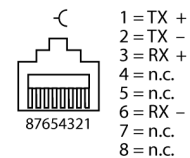


Industrial Ethernet Unmanaged Switch SE20-84XT-RJ822

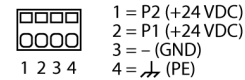


- 10/100 Mbps
- Auto-sensing, 10/100M, half/full duplex, auto-negotiating
- Auto cross-over, auto-polarity
- Automatic address learning, aging and migration
- Store and forward wire-speed switching
- IEEE 802.3, 802.3u, 802.3x
- 8 ports
- Ethernet connection: shielded RJ45 sockets
- Power supply: removable screw terminal
- Protection class: IP20

RJ45 Fieldbus



Power Supply



Functional principle

Ethernet switches can be used to simplify Ethernet networks and reduce traffic. They perform an important role in traffic management by forwarding messages only to the port that needs them.

| | |
|--|--|
| Type designation | SE20-84XT-RJ822 |
| Ident-No. | U3-10866 |
| Supply voltage | 24 VDC |
| Admissible range | 10...30 VDC |
| Power consumption | ≤ 4 W |
| Transient Protection | 15,000 Watts Peak |
| Spike Protection | 5,000 Watts (10 times for 10 µs) |
| Voltage supply connection | Pluggable screw terminal strip |
| Fieldbus transmission rate | 10 Mbps/100 Mbps |
| Ethernet Compliance | IEEE 802.3 (10 Mbps Ethernet) IEEE 802.3u (100 Mbps Ethernet) IEEE 802.3.3 x (Full-Duplex with Flow Control) |
| Communication Ports | 8 ports (unmanaged) |
| Fieldbus connection technology | RJ45 port |
| MAC Addresses | 1024 |
| Memory bandwidth | 3.2 Gbps |
| Latency (typical) | @100 Mbps: 5 µs + frame time; @10 Mbps: 16 µs + frame time |
| Electrical isolation | 1500 VRMS 1 minute |
| Electromagnetic compatibility (EMC) | FCC part 15, ICES-003, EN55022, EN61000-6, CE |
| Dimensions | 38.1x82.8x101.6 mm |
| Weight | 262 g |
| Operating temperature | -40 to +60 °C |
| Storage temperature | -40 to +85 °C |
| Relative humidity | 5 to 95% (non-condensing) |
| Vibration and shock testing | According to IEC 60068-2-6 |
| Protection class | IP20 |
| Mounting | Din-rail or direct panel mounting |
| Housing material | UL94V0 Lexan |
| Approvals and certificates | UL508/CSA C22.2/14; EN61010-1; UL1604/CSA C22.2/213 (Class I, Div. 2); EN60079-15 (Zone 2, Category 3); CE (ATEX) |
| Life cycle MTBF | >1M Hours GB at 35°C per MIL-HNDBK-217F2 |